

| Conservation Practice Physical Effects Report | | Select Practice: Pond Sealing or Lining, Bentonite Sealant (no) |
|---|---|--|
| | Resource Concern and Effect | Code: 521C |
| Soil Erosion | Soil Erosion - Sheet and Rill (Effect) | Not Applicable |
| | Soil Erosion - Wind (Effect) | Not Applicable |
| | Soil Erosion - Ephemeral Gully (Effect) | Not Applicable |
| | Soil Erosion - Classic Gully (Effect) | Not Applicable |
| | Soil Erosion - Streambank (Effect) | Not Applicable |
| | Soil Erosion - Shoreline (Effect) | Not Applicable |
| | Soil Erosion - Irrigation-induced (Effect) | Not Applicable |
| | Soil Erosion - Mass Movement (Effect) | Not Applicable |
| | Soil Erosion - Road, road sides and Construction Sites (Effect) | Not Applicable |
| Soil Condition | Soil Condition - Organic Matter Depletion (Effect) | Not Applicable |
| | Soil Condition - Rangeland Site Stability (Effect) | Not Applicable |
| | Soil Condition - Compaction (Effect) | Not Applicable |
| | Soil Condition - Subsidence (Effect) | Not Applicable |
| | Soil Condition - Contaminants - Salts and Other Chemicals (Effect) | Slight Decrease |
| | Soil Condition - Contaminants - Animal Waste and Other Organics - Nitrogen (Effect) | Slight Decrease |
| | Soil Condition - Contaminants - Animal Waste and Other Organics - Phosphorus (Effect) | Slight Decrease |
| | Soil Condition - Contaminants - Animal Waste and Other Organics - Potassium (Effect) | Slight Decrease |
| | Soil Condition - Contaminants - Commercial Fertilizer - Nitrogen (Effect) | No Effect |
| | Soil Condition - Contaminants - Commercial Fertilizer - Phosphorus (Effect) | No Effect |
| Water Quantity | Soil Condition - Contaminants - Commercial Fertilizer - Potassium (Effect) | No Effect |
| | Soil Condition - Contaminants - Residual Pesticides (Effect) | No Effect |
| | Soil Condition - Damage from Sediment Deposition (Effect) | Not Applicable |
| | Water Quantity - Rangeland Hydrologic Cycle (Effect) | Not Applicable |
| | Water Quantity - Excessive Seepage (Effect) | Slight Decrease |
| | Water Quantity - Excessive Runoff, Flooding, or Ponding (Effect) | Not Applicable |
| | Water Quantity - Excessive Subsurface Water (Effect) | Slight to Moderate Decrease |
| | Water Quantity - Drifted Snow (Effect) | Not Applicable |
| | Water Quantity - Inadequate Outlets (Effect) | Not Applicable |
| | Water Quantity - Inefficient Water Use on Irrigated Land (Effect) | Slight Decrease |
| | Water Quantity - Inefficient Water Use on Non-irrigated Land (Effect) | Slight Decrease |
| | Water Quantity - Reduced Capacity of Conveyances by Sediment Deposition (Effect) | Not Applicable |
| | Water Quantity - Reduced Storage of Water Bodies by Sediment Accumulation (Effect) | Not Applicable |
| Water Quality | Water Quantity - Aquifer Overdraft (Effect) | Slight Increase |
| | Water Quantity - Insufficient Flows in Water Courses (Effect) | Not Applicable |
| | Water Quality - Harmful Levels of Pesticides in Groundwater (Effect) | Not Applicable |
| | Water Quality - Excessive Nutrients and Organics in Groundwater (Effect) | Slight to Moderate Decrease |
| | Water Quality - Excessive Salinity in Groundwater (Effect) | Moderate Decrease |
| | Water Quality - Harmful Levels of Heavy Metals in Groundwater (Effect) | Slight Decrease |
| | Water Quality - Harmful Levels of Pathogens in Groundwater (Effect) | Slight to Substantial Decrease |
| | Water Quality - Harmful Levels of Petroleum in Groundwater (Effect) | Not Applicable |
| | Water Quality - Harmful Levels of Pesticides in Surface Water (Effect) | Not Applicable |
| | Water Quality - Excessive Nutrients and Organics in Surface Water (Effect) | Slight to Moderate Decrease |

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| | Water Quality - Excessive Suspended Sediment and Turbidity in Surface Water (Effect) | Not Applicable |
| | Water Quality - Excessive Salinity in Surface Water (Effect) | Not Applicable |
| | Water Quality - Harmful Levels of Heavy Metals in Surface Water (Effect) | Not Applicable |
| | Water Quality - Harmful Temperatures of Surface Water (Effect) | Not Applicable |
| | Water Quality - Harmful Levels of Pathogens in Surface Water (Effect) | Not Applicable |
| | Water Quality - Harmful Levels of Petroleum in Surface Water (Effect) | Not Applicable |
| Air Quality | Air Quality - Particulate matter less than 10 micrometers in diameter - PM 10 (Effect) | Not Applicable |
| | Air Quality - Particulate matter less than 2.5 micrometers in diameter - PM 2.5 (Effect) | Not Applicable |
| | Air Quality - Excessive Ozone (Effect) | Not Applicable |
| | Air Quality - Excessive Greenhouse Gas – CO2 - carbon dioxide (Effect) | Not Applicable |
| | Air Quality - Excessive Greenhouse Gas – N2O - nitrous oxide (Effect) | Not Applicable |
| | Air Quality - Excessive Greenhouse Gas – CH4 - methane (Effect) | Not Applicable |
| | Air Quality - NH3 - Ammonia (Effect) | Not Applicable |
| | Air Quality - Chemical Drift (Effect) | Not Applicable |
| | Air Quality - Objectionable Odors (Effect) | Not Applicable |
| | Air Quality - Reduced Visibility (Effect) | Not Applicable |
| | Air Quality - Undesirable Air Movement (Effect) | Not Applicable |
| | Air Quality - Adverse Air Temperature (Effect) | Not Applicable |
| Plant Condition | Plants not adapted or suited (Effect) | Not Applicable |
| | Plant Condition - Productivity, Health and Vigor (Effect) | Slight Decrease |
| | Plant Condition - Threatened or Endangered Plant Species: Plant Species Listed or Proposed for Listing Under the Endangered Species Act (Effect) | Not Applicable |
| | Plant Condition - Threatened or Endangered Plant Species: Declining Species, Species of Concern (Effect) | Not Applicable |
| | Plant Condition - Noxious and Invasive Plants (Effect) | Not Applicable |
| | Plant Condition - Forage Quality and Palatability (Effect) | Not Applicable |
| | Plant Condition - Wildfire Hazard (Effect) | Not Applicable |
| Fish and Wildlife | Fish and Wildlife - Inadequate Food (Effect) | Not Applicable |
| | Fish and Wildlife - Inadequate Cover/Shelter (Effect) | Not Applicable |
| | Fish and Wildlife - Inadequate Water (Effect) | Slight Decrease |
| | Fish and Wildlife - Inadequate Space (Effect) | Not Applicable |
| | Fish and Wildlife - Habitat Fragmentation (Effect) | Not Applicable |
| | Fish and Wildlife - Imbalance Among and Within Populations (Effect) | Not Applicable |
| | Fish and Wildlife - Threatened and Endangered Fish and Wildlife Species: Fish and Wildlife Species Listed or Proposed for Listing Under the Endangered Species Act (Effect) | No Effect |
| | Fish and Wildlife - Threatened and Endangered Fish and Wildlife Species: Declining Species, Species of Concern (Effect) | No Effect |
| Domestic Animals | Domestic Animals - Inadequate Quantities and Quality of Feed and Forage (Effect) | Not Applicable |
| | Domestic Animals - Inadequate Shelter (Effect) | Not Applicable |
| | Domestic Animals - Inadequate Stock Water (Effect) | Slight to Moderate Decrease |
| | Domestic Animals - Stress and Mortality (Effect) | Slight to Moderate Decrease |